Approved for use through 10/31/2002. OMB 0651-0031

U.S. Palent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for form	1449B/	PTO	Compl te if Kn wn		
	INFORMATION DI	SCLO	SURE	Application Number	Unassigned 10/617628 07/11/2003	
	STATEMENT BY	APPLIC	CANT	Filing Dat		
	Data Cubmittade le	b. 44	2002	First Nam d Inventor	Alok Mani SRIVASTAVA	
	Date Submitted: Ji	uly 11,	2003	Group Art Unit	Unassigned	
	(use as many sheets	as ned	cessary)	Examiner Name	Unassigned	
Sheet	1	of	2	Attorney Docket Number	040849-0242	

	U.S. PATENT DOCUMENTS								
Examiner	Cite No.1	U.S. Patent Document		Name of Detentes or Applicant of	Date of Publication of	Pages, Columns, Lines, Where Relevant			
Initials*		Number	Kind Code ² (if <u>known)</u>	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear			
0	A1	4,661,419		Nakamura	4/28/87				
3	A2	5,198,679		Katoh, et al	3/30/03				
<u>(1)</u>	A3	5,571,451		Srivastava, et al	11/5/96				
0	A4	5,813,753		Vriens, et al	9/29/98				
10	A5	5,851,063		Doughty, et al	12/22/98				
0	A6	5,925,897		Oberman	7/20/99				
19	A7	5,966,393		Hide et al	10/12/99				
13	A8	5,998,925		Shimizu et al	12/7/99				
\mathcal{O}_{-}	A20	5,847,507		Butterworth, et al	12/8/98				
12	A21	6,066,861		Hohn, et al	5/23/00				
12	A22	6,069, d 40		Shimizu, et al	5/30/00				
13	A23	6,084,250		Justel, et al	7/4/00				
(S)	A25	6,294,800		Duggel, et al	9/2001				
<i>C</i>	A26	6,252,254		Soules, et al	6/2001				
î a	A27	6,299,338		Levinson, et al	10/2001				
is is	A28	6,429,583		Levinson, et al	8/2002				

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Offic	Foreign Patent Dec 3 Number 4	Ocument Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
U	A24	JP	183408		Toshiba Corp.	6/30/00		X		
		=								
			<u> </u>				<u> </u>			

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т ⁶				
D	A 9	Keith Butler: Flourescent Lamp Phosphors, pages 98-107 (The Pennsylvania State University Press 1980)	Y				

Examiner Signature	2	Date Considered	1/3/05

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

MODIFIÉD PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

	Substitute for form	1449B/	PTO	C mplete if Known		
	INFORMATION D	ISCLO	SURE	Applicati n Numb r	Unassign d	
	STATEMENT BY	APPLI	CANT	Filing Date	07/11/2003	
	Data Cubasittado I		2002	First Named Inventor	Alok Mani SRIVASTAVA	
-	Date Submitted: J	iuly II,	2003	Group Art Unit	Unassigned	
	(use as many sheets	s as ne	cessary)	Examiner Name	Unassigned	
Sheet	2	of	2	Attorney Docket Number	040849-0242	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т6
C	A10	S. Nakamura, et al: The Blue Laser Diode, pages 216-221, 328-329 (Springer 1997)	Υ
0	Ä11	G. Glasse et al.: Luminescent Materials, pages 109-110 (Springer-Verlag 1994)	Y
0	A12	A.L.N. Stevels et al.: Eu²+→Mn²+ Energy Transfer In Hexagonal Aluminates, pages 207-218 (Journal of Luminescence 14 (1976))	Y
(CA)	A13	S.M.J. Smets et al.: The Luminescence Properties of .: Eu ²⁺ and Mn ²⁺ -Doped Barium Hexaaluminates Pages 1305-1310 (Materials Research Bulletin, Volume 21, Number 11 (1986))	Y
0	A14	J.M.P.J. Verstegen: A Survey of a Group of Phosphors, Based on Hexagonal Aluminate and Gallate Host Lattices, pages 1623-1627 (Journal of the Electrochemical Society, Vol. 121, No. 12 (1974))	Y
0	A15	C.R. Ronda: Chemical Composition of and Eu ²⁺ Luminescence in the Barium Hexaaluminates, pages 570-573 (Journal of the Electrochemical Society Vol. 136, No. 2 (1989))	Ý
0	A16	A.L.N. Stevels et al.: Eu ²⁺ Luminescence in Hexagonal Aluminates Containing Large Divalent or Trivalent Cations, pages 691-697 (Journal of the Electrochemical Society, Vol. 123, No. 5 (1976)	Y
Ò	A17	G. Blasse et al.: Fluorescence of Eu2+-Activated Alkaline-Earth Aluminates, pages 201-206 (Philips Res. Repts 23 (1968))	Y
0	A18	G. Blasse et al.: Fluorescence of Eu2+-Activated Silicates, pages 189-200 (Philips Res. Repts 23 (1968))	Ÿ
0	A19	S. Shionoya et al: Phosphor Handbook, pages 168-170, 317-330, 343-349, 389-410, 412-417, 419-431, 554-555, 623-636, 727, 809 (Phosphor Research Society (1998))	Y

Examiner Signature	6	Date Considered	1/3/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, PO Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

¹ Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.